CLAIMS:

1. A process for the direct foam-backing of absorber systems in which the absorber consists of a foam layer or non-woven layer with a cover layer on one or both sides, characterized in that an absorber with a very low density is provided with a foam-impermeable cover layer on the mass side, the absorber is positioned within the foaming mold, and a pressure is built within the absorber from the side facing away from the mass in the closed foaming mold, before the foaming process is initiated.

2. The process according to claim 1, characterized in that a medium in a gaseous state of matter, especially (pressurized) air, is employed as a pressure-applying medium.

3. The process according to claim 1 or 2, characterized in that a pressure of from 0.5 bar to 7 bar, especially from 1 bar to 3 bar, is built within the absorber by means of a medium in a gaseous state of matter.

4. The process according to any of claims 1 to 3, characterized in that a non-woven material or a plastic sheet is employed as the foam-impermeable cover layer on the mass side.

5. The process according to any of claims 1 to 4, characterized in that an open-pore or mixed-cell foam with a density of foam of from 5 kg/m^3 to 38 kg/m^3 is employed as the absorber.

6. The process according to any of claims 1 to 5, characterized in that a foam-molded cold foam having a foam-impermeable cover layer on the heavy layer side is employed as the absorber.

7. The process according to claim 6, characterized in that a foam-molded cold foam with a density of foam of from 35 kg/m^3 to 190 kg/m^3 is employed as the absorber.

8. The process according to any of claims 1 to 7, characterized in that a non-compressed non-woven material with a foam-impermeable cover layer on the mass side is employed as the absorber.

9. The process according to any of claims 1 to 8, characterized in that the pressure to be built inside the absorber prior to the foam-backing process is controlled and/or regulated by valves.

10. The process according to any of claims 1 to 9, characterized in that the pressure to be built inside the absorber prior to the foam-backing process is defined, controlled and thus adjusted by valves during the whole foaming process.

11. The process according to any of claims 1 to 10, characterized in that the pressure to be built within the absorber before the foam-backing process, which is controllable during the whole foaming process, is controlled and thus adjusted from the side facing away from the mass within the foaming mold with a partially different intensity by a segment construction of the foaming mold part facing away from the mass.

12. An absorber system in which the absorber consists of a foam layer or non-woven layer with a cover layer on one or both sides, and a foam layer and which is obtainable by a process according to one or more of claims 1 to 11.